

There being no objection, the material was ordered to be printed in the RECORD, as follows:

DEFENSE SECURITY  
COOPERATION AGENCY,  
Arlington, VA.

Hon. ROBERT MENENDEZ,  
Chairman, Committee on Foreign Relations,  
U.S. Senate, Washington, DC.

DEAR MR. CHAIRMAN: Pursuant to the reporting requirements of Section 36(b)(1) of the Arms Export Control Act, as amended, we are forwarding herewith Transmittal No. 21-54 concerning the Air Force's proposed Letter(s) of Offer and Acceptance to the Republic of Korea for defense articles and services estimated to cost \$258 million. After this letter is delivered to your office, we plan to issue a news release to notify the public of this proposed sale.

Sincerely,

JEDIDIAH P. ROYAL,  
Deputy Director.

Enclosures.

TRANSMITTAL NO. 21-54

Notice of Proposed Issuance of Letter of Offer Pursuant to Section 36(b)(1) of the Arms Export Control Act, as amended

(i) Prospective Purchaser: Republic of Korea.

(ii) Total Estimated Value:

Major Defense Equipment\* \$251 million.

Other \$7 million.

Total \$258 million.

(iii) Description and Quantity or Quantities of Articles or Services under Consideration for Purchase:

Major Defense Equipment (MDE):

Three thousand nine hundred fifty-three (3,953) Joint Direct Attack Munition (JDAM) Guidance Kits, KMU-556 for GBU-31.

One thousand nine hundred eighty-one (1,981) JDAM Guidance Kits, KMU-557 for GBU-31, GBU-56.

One thousand one hundred seventy-nine (1,179) JDAM Guidance Kits, KMU-572 for GBU-38.

One thousand seven hundred fifty-five (1,755) FMU-139 Fuze Systems.

Non-MDE: Also included are DSU-42/B Detectors, Laser Illuminated Target for GBU-56; weapon spare parts, components and accessories; weapons training aids, devices, and spare parts; U.S. Government and contractor engineering, technical assistance, and logistical support services; and other related elements of logistical and program support.

(iv) Military Department: Air Force (KS-D-YAW, KS-D-YAX, KS-D-YAY).

(v) Prior Related Cases, if any: None.

(vi) Sales Commission, Fee, etc., Paid, Offered, or Agreed to be Paid: None.

(vii) Sensitivity of Technology Contained in the Defense Article or Defense Services Proposed to be Sold: See Attached Annex.

(viii) Date Report Delivered to Congress: August 25, 2021.

\* As defined in Section 47(6) of the Arms Export Control Act.

#### POLICY JUSTIFICATION

##### Korea—Precision Guided Munitions

The Republic of Korea has requested to buy three thousand nine hundred fifty-three (3,953) Joint Direct Attack Munition (JDAM) Guidance Kits, KMU-556 for GBU-31; one thousand nine hundred eighty-one (1,981) JDAM Guidance Kits, KMU-557 for GBU-31, GBU-56; one thousand one hundred seventy-nine (1,179) JDAM Guidance Kits, KMU-572 for GBU-38; and one thousand seven hundred fifty-five (1,755) FMU-139 Fuze Systems. Also included are DSU-42/B Detectors, Laser Illuminated Target for GBU-56; weapon spare parts, components and accessories; weapons training aids, devices, and spare parts; U.S. Government and contractor engineering,

technical assistance, and logistical support services; and other related elements of logistical and program support. The estimated total cost is \$258 million.

This proposed sale will support the foreign policy goals and national security objectives of the United States by helping to improve the security of a Major Non-NATO ally that continues to be an important force for political stability, peace, and economic progress in the Indo-Pacific region.

The proposed sale will improve the Republic of Korea's capability to meet current and future threats by increasing available stores of munitions on the Korean Peninsula in support of Alliance Operations Plans (OPLANs), as well as to fulfill conditions outlined by the Condition-Based Operational Control (OPCON) Transition Plan. The Republic of Korea will have no difficulty absorbing these articles into its armed forces.

The proposed sale of this equipment and support will not alter the basic military balance in the region.

The principal contractor will be Boeing Corporation, St Louis, Missouri. There are no known offset agreements proposed in connection with this potential sale.

Implementation of this proposed sale will not require the assignment of any additional U.S. Government or contractor representatives to the Republic of Korea.

There will be no adverse impact on U.S. defense readiness as a result of this proposed sale.

TRANSMITTAL NO. 21-54

Notice of Proposed Issuance of Letter of Offer Pursuant to Section 36(b)(1) of the Arms Export Control Act

#### Annex Item No. vii

(vii) Sensitivity of Technology:

1. The Joint Direct Attack Munition (JDAM) is a guidance kit that converts existing unguided free-fall bombs into an accurate, adverse weather "smart" munition. The Guidance Set consists of a Tail Kit, which contains the Inertial Navigation System (INS) and a Global Positioning System (GPS), a set of Aerosurfaces and an umbilical cover, which allows the JDAM to improve the accuracy of unguided, General Purpose bombs. The JDAM weapon can be delivered from modest standoff ranges at high or low altitudes against a variety of land and surface targets during the day or night. The JDAM is capable of receiving target coordinates via preplanned mission data from the delivery aircraft, by onboard aircraft sensors (i.e., FLIR, Radar, etc.) during captive carry, or from a third-party source via manual or automated aircrew cockpit entry. The Guidance Set, when combined with a warhead and appropriate fuze, forms a JDAM Guided Bomb Unit (GBU).

(a) The KMU-572 is the tail kit for a GBU-38 500LB JDAM.

(b) The KMU-556 is the tail kit for a GBU-31 2,000LB Mk-84 (General Purpose bomb body) JDAM.

(c) The KMU-557 is the tail kit for a GBU-31/-56 2,000LB BLU-109 (General Purpose bomb body) JDAM.

2. The Laser JDAM (GBU-56) is a 2,000LB JDAM that incorporates all the capabilities of the JDAM guidance tail kit and adds a DSU-42/B precision laser guidance set. The DSU-42/B sensor gives the weapon system an optional semi-active laser seeker. The addition of the DSU-42/B laser sensor combined with additional cabling and mounting hardware turns a GBU-31 JDAM into a GBU-56 LJDAM. The DSU-42/B consists of a laser spot tracker, a cable connecting the DSU-42/B to the basic JDAM guidance set, a cable cover, cable cover tie-down straps, modified tail kit door and wiring harness, and associated modified JDAM software that incor-

porates navigation and guidance flight software to support both LJDAM and standard JDAM missions. The DSU-42/B adds the flexibility to strike targets of opportunity, including mobile and moving targets, to an already accurate adverse weather GPS/INS guided JDAM.

3. The Joint Programmable Fuze (JPF) FMU-139D/B is a multi-delay, multi-arm and proximity sensor compatible with general purpose blast, frag and hardened-target penetrator weapons. The JPF settings are cockpit selectable in flight when used numerous precision-guided weapons. It can interface with the following weapons: GBU-31, GBU-38, and GBU-56.

4. The highest level of classification of defense articles, components, and services included in this potential sale is SECRET.

5. If a technologically advanced adversary were to obtain knowledge of the specific hardware and software elements, the information could be used to develop countermeasures that might reduce weapon system effectiveness or be used in the development of a system with similar or advanced capabilities.

6. A determination has been made that the Republic of Korea can provide substantially the same degree of protection for the sensitive technology being released as the U.S. Government. This sale is necessary in furtherance of the U.S. foreign policy and national security objectives outlined in the Policy Justification.

7. All defense articles and services listed in this transmittal have been authorized for release and export to the Republic of Korea.

#### ARMS SALES NOTIFICATION

Mr. MENENDEZ, Mr. President, section 36(b) of the Arms Export Control Act requires that Congress receive prior notification of certain proposed arms sales as defined by that statute. Upon such notification, the Congress has 30 calendar days during which the sale may be reviewed. The provision stipulates that, in the Senate, the notification of proposed sales shall be sent to the chairman of the Senate Foreign Relations Committee.

In keeping with the committee's intention to see that relevant information is available to the full Senate, I ask unanimous consent to have printed in the RECORD the notifications which have been received. If the cover letter references a classified annex, then such annex is available to all Senators in the office of the Foreign Relations Committee, room SD-423.

There being no objection, the material was ordered to be printed in the RECORD, as follows:

DEFENSE SECURITY  
COOPERATION AGENCY,  
Arlington, VA.

Hon. ROBERT MENENDEZ,  
Chairman, Committee on Foreign Relations,  
U.S. Senate, Washington, DC.

DEAR MR. CHAIRMAN: Pursuant to the reporting requirements of Section 36(b)(5)(A) of the Arms Export Control Act (AECA), as amended, we are forwarding Transmittal No. OU-21. This notification relates to enhancements or upgrades from the level of sensitivity of technology or capability described in the Section 36(b)(1) AECA certification 17-12 of June 23, 2017.

Sincerely,

JEDIDIAH P. ROYAL,  
Deputy Director.

Enclosures.

TRANSMITTAL NO. OU-21

Report of Enhancement or Upgrade of Sensitivity of Technology or Capability (Sec. 36(B)(5)(A), AECA)

(i) Purchaser: Government of Australia

(ii) Sec. 36(b)(1), AECA Transmittal No.: 17-12.

Date: June 23, 2017.

Military Department: Air Force.

(iii) Description: On June 23, 2017, Congress was notified by Congressional certification transmittal number 17-12 of the possible sale under Section 36(b)(1) of the Arms Export Control Act of up to five (5) Gulfstream G-550 aircraft modified to integrate Airborne Intelligence, Surveillance, Reconnaissance, and Electronic Warfare (AISREW) mission systems, Global Positioning System (GPS) capability, secure communications, aircraft defensive systems; spares, including whole life costs of airborne and ground segments; aircraft modification and integration; ground systems for data processing and crew training; ground support equipment; publications and technical data; U.S. Government and contractor engineering, technical and logistics support services; flight test and certification; and other related elements of logistical and program support. The estimated total cost was \$1.3 billion. Major Defense Equipment (MDE) constituted \$0.04 billion of this total.

On August 26, 2020, Congress was notified by Congressional certification transmittal number 20-0J of Australia's request for the inclusion of the following non-MDE items and services: spares and repair/return parts; consumables and support equipment; publications and technical documentation; maintenance, training and training equipment; U.S. Government and contractor flight test and certification, aircraft modification and integration, engineering, technical and logistics support services; and other related elements of logistical and program support. These additional items resulted in an increase in non-MDE cost of \$500 million, causing a revised total cost for non-MDE of \$1.76 billion. Major Defense Equipment (MDE) remained \$0.04 billion. The total estimated case value increased by \$500 million to \$1.8 billion.

This transmittal reports the addition of the following MDE item: one (1) LN-200 Embedded GPS-INS sensor. The total cost of the new MDE item is \$300,000. This will not result in a net increase in the total cost of MDE. The total MDE value will remain \$0.04 billion. The total estimated case value will remain \$1.8 billion.

(iv) Significance: This notification is being provided to report the inclusion of an MDE item not previously notified. The inclusion of this MDE represents an increase in capability over what was previously notified. The additional equipment is required to support Australia's efforts to modernize its Electronic Warfare support capability and increases interoperability between the U.S. Air Force and the Royal Australian Air Force (RAAF).

(v) Justification: This proposed sale supports the foreign policy and national security objectives of the United States by improving the security of a Major Non-NATO Ally that is a key partner of the United States in ensuring peace and stability around the world.

(vi) Sensitivity of Technology: The Sensitivity of Technology Statement contained in the original notification applies to item reported here.

(vii) Date Report Delivered to Congress: August 25, 2021.

## ARMS SALES NOTIFICATION

Mr. MENENDEZ. Mr. President, section 36(b) of the Arms Export Control Act requires that Congress receive prior notification of certain proposed arms sales as defined by that statute. Upon such notification, the Congress has 30 calendar days during which the sale may be reviewed. The provision stipulates that, in the Senate, the notification of proposed sales shall be sent to the chairman of the Senate Foreign Relations Committee.

In keeping with the committee's intention to see that relevant information is available to the full Senate, I ask unanimous consent to have printed in the RECORD the notifications which have been received. If the cover letter references a classified annex, then such annex is available to all Senators in the office of the Foreign Relations Committee, room SD-423.

There being no objection, the material was ordered to be printed in the RECORD, as follows:

DEFENSE SECURITY  
COOPERATION AGENCY,  
Arlington, VA.

Hon. ROBERT MENENDEZ,  
Chairman, Committee on Foreign Relations,  
U.S. Senate, Washington, DC.

DEAR MR. CHAIRMAN: Pursuant to the reporting requirements of Section 36(b)(5)(A) of the Arms Export Control Act (AECA), as amended, we are forwarding Transmittal No. 0R-21. This notification relates to enhancements or upgrades from the level of sensitivity of technology or capability described in the Section 36(b)(1) AECA certification 19-36 of May 30, 2019.

Sincerely,

JEDIDIAH P. ROYAL,  
Deputy Director.

Enclosures.

TRANSMITTAL NO. OR-21

Report of Enhancement or Upgrade of Sensitivity of Technology or Capability (Sec. 36(B)(5)(A), AECA)

(i) Purchaser: Government of Bulgaria

(ii) Sec. 36(b)(1), AECA Transmittal No.: 19-36; Date: May 30, 2019; Military Department: Air Force.

Funding Source: National Funds.

(iii) Description: On May 30, 2019, Congress was notified by Congressional certification transmittal number 19-36, of the possible sale under Section 36(b)(1) of the Arms Export Control Act of eight (8) F-16 C/D Block 70/72 aircraft; ten (10) F110 General Electric engines (includes 2 spares); ten (10) Link-16 Multi-Functional Information Distribution System (MIDS)—JTRS (MIDS-JTRS) (includes 2 spares); nine (9) Improved Program Display Generators (iPDG) (includes 1 spare); nine (9) AN/APG-83 Active Electronically Scanned Array (AESA) Radars (includes 1 spare); four (4) AN/AAQ-33 SNIPER Targeting Pods; nine (9) Modular Mission Computers (MMC) 7000AH (includes 1 spare); nine (9) LN-260 Embedded OPS/INS (EGI); nine (9) M61 Vulcan 20mm Cannons; sixteen (16) AIM-120C7 Advanced Medium Range Air-to-Air Missiles (AMRAAMs); one AIM-120C7 Spare Guidance Section; twenty-four (24) AIM-9X Sidewinder Missiles; eight (8) AIM-9X Captive Air Training Missiles (CATM); four (4) AIM-9X Spare Tactical Guidance Sections; four (4) AIM-9X Spare CATM Guidance Sections; forty-eight (48) LAU-129 Multi-Purpose Launchers; fifteen (15) GBU-49 Enhanced Paveway II Kits; fifteen (15) GBU-54 Laser JDAM Kits; twenty-eight (28) GBU-39 Small

Diameter Bombs (SDB-1); twenty-four (24) FMU-152 Fuzes; twenty-four (24) MK-82 Bombs (Tritonal); six (6) MK82 Bombs (Inert); and thirteen (13) MAU-210 Enhanced Computer Control Group (ECCG). Also included are nine (9) AN/ALQ-211 Internal Advanced Integrated Defensive Electronic Warfare Suites (including 1 spare); nine (9) AN/ALE-47 Countermeasure Dispensers (including 1 spare); 4,140 Infrared Flare countermeasures, with impulse cartridges; 8,250 each of PGU-27 A/B 20mm training and combat munitions; thirty-six (36) MK-124 Signal/Smoke Illumination devices; nine (9) APX-126 Advanced Identification Friend or Foe (AIFF) units with Secure Communications and Cryptographic Appliances; eighteen (18) AN/ARC-238 UHF/VHF SATURN Radios; sixteen (16) AIM-120C AMRAAM training CATMs; Joint Mission Planning System (JMPS) with software, training and support; twenty (20) Joint Helmet Mounted Cueing System (JHMCS) II with Night Vision Goggle compatibility; ten (10) Night Vision Devices; two (2) Remote Operated Video Enhanced Receiver (ROVER) 6i units, plus 1 ground station; ground training device (flight and maintenance simulator); one (1) Avionics I-level Test Station; Electronic Combat International Security Assistance Program (ECISAP) support; Cartridge Actuated and Propellant Actuated Devices (CAD/PAD) support; Common Munitions Bit-test Reprogramming Equipment (CMBRE) support with Computer Test Set Adapter Group; communications equipment; software delivery and support; facilities and construction support; spares and repair/replace parts; personnel training and training equipment; publications and technical documentation; containers; munition support and test equipment; aircraft and munition integration and test support; studies and surveys; U.S. Government and contractor technical, engineering and logistical support services; and other related elements of logistics and program support. The estimated cost was \$1.673 billion. Major Defense Equipment (MDE) constituted \$0.763 billion of this total.

This transmittal reports the inclusion of additional non-MDE articles and services that were not previously notified: Electronic Countermeasure Dispenser AN/ALE-4 7s and Stinger Multi-Band Antennas. The total MDE value will remain \$0.763 billion. The total non-MDE value will increase by \$1.38 million to \$911.38 million, and the total case value will increase to \$1.675 billion.

(iv) Significance: This notification is being provided to report the inclusion of additional non-MDE articles and services that were not previously notified. The proposed articles and services will provide Bulgaria's new F-16 fleet with the equipment necessary to provide for the defense of its airspace, regional security, and interoperability with the United States and NATO.

(v) Justification: This proposed sale will contribute to the foreign policy and national security objectives of the United States by helping to improve the security of a NATO ally and a key democratic partner of the United States in ensuring peace and stability in Europe.

(vi) Sensitivity of Technology: The Sensitivity of Technology statement contained in the original notification applies to items reported here.

(vii) Date Report Delivered to Congress: August 25, 2021.

## ARMS SALES NOTIFICATION

Mr. MENENDEZ. Mr. President, section 36(b) of the Arms Export Control Act requires that Congress receive prior notification of certain proposed